Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-005-61174

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: Grynberg 35 COM

1. Type of Well: Oil Well ☐ Gas Well ☐ Other

8. Well Number 1

2. Name of Operator: Jack J Grynberg

9. OGRID Number 11492

3. Address of Operator: 3600 South Yosemite, Suite 900, Denver, CO 80237

10. Pool name or Wildcat: Wildcat

4. Well Location
Unit Letter F : 1980 feet from the North line and 1980 feet from the West line
Section 35 Township 5S Range 24E NMPM Chaves County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3822' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☒	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:	☐		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Jack J Grynberg request permission to plug and abandon the subject well using the attached procedure.

Please contact Richard Miller at r.miller@grynberg.com or 303-881-5440 with and questions.

Spud Date: Rig Release Date:

WELL MUST BE PLUGGED BY 5-5-2017

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE TITLE Regulatory Manager DATE 5-4-2016

Type or print name Joe Mazotti E-mail address: j.mazotti@grynberg.com PHONE: 303-850-7490

For State Use Only

APPROVED BY: TITLE COMPLIANCE OFFICER DATE 5-5-2016

Conditions of Approval (if any):

Approved for plugging of well bore only. Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms, www.emnrd.state.nm.us/ocd.

☆ SEE ATTACHED COA-S

Grynberg 35 Com #1, API 30-05-61174 5/4/2016

Request Permission to P&A well as follows:

Status:

Drilled 14 ¾" hole to 887'. Set 887' of 10 ¾" 32.75# casing.

Drilled 7 7/8" hole to 4107'. Set 4107' of 4 ½" 10.5# casing. Top of cement 167' CBL. 1" job betw 10 ¾" x 4 ½" annulus from 140' to surface on 2/27/2016.

2 3/8" tubing- Removed.

Perforations: 3769'-4000', 3639'-3732', 3464'-**3300' TOP PERF.**

Note: Use cement at 14.8 PPG minimum.

Procedure

Notify BLM and NMOC Rep. Bob Byrd 575-626-0836 48 and 24 hrs ahead.

MIRU pulling unit.

Bleed pressure off well.

Install BOPE. Test to 3000PSI.

Function BOP and hold safety meet regarding BOP drill and pressure control.

Run sinker bar to see if wellbore is open below the perfs. If not: every attempt must be made to clean the wellbore out to below the perfs before any plugs can be set, by whatever means possible.

Set CIBP at 3200' (or slightly lower) on Wireline.

Plug #1

TIH tbg to 3200' and place 25sx balanced cement plug on top. (5.4 sx cmt /bbl water) (25sx=4.6bbls=235' height inside 4 ½" casing)

TOH 1000', WOC 4 hours and TAG cmt plug with tbg. It must tag at 3100' or higher.

Test casing to 500 PSI for 30 minutes.

Fill casing from tag up depth to 1500' with gel/water (25 sx gel/100 bbls water).

TOH laying dn tbg to 1500'.

Plug #2

With tbg at 1500' place 25sx balanced cement plug. (5.4 sx cmt /bbl water) (25sx=4.6bbls=235' height inside 4 ½" casing)

Do <u>not</u> need to WOC and tag this plug.

TOH 235' to 1265' and circ hole with gel/water mix to surface.

TOH tbg filling hole with gel/water mix for pipe displacement

Plug #3

TIH 60' of tbg. Circ Cement to surface.

Cut off 4 ½" casing and wellhead, weld on dry hole marker.

File Form C 105 NMOCD.

Printed 5/4/2016

Grynberg 35 Com #1

Proposed Abandonment Plan 5/4/2016 in RED
1980 FNL 1980 FWL S35 T5S R24E
Chaves County, NM
API 30-05-61174
Lat/Long 33.8304139 / -104.3956277 NAD 83

KB: 3932'
GL: 3916'
Spud Date: 1/16/1982
Top job thru 1" at 140' on 4/29/2016, cmt to surface.
TOC 167', maybe higher. CBL Available.

60' Cmt plug, Circ'ed to surf on 4/27/2016

10 3/4" Surface Casing at 887' in 14 3/4" Hole
Cemented with 300 Halliburton lite and 300sx Class C.

100' Cmt Plug, 1500-1600'

Fill betw all cmt plugs with
25 sx gel/100 bbls water mix.

2 3/8" Tbg at 3713' Removed.

100' Cmt Plug on top CIBP, WOC 4 hrs & Tag

SET CIBP at 3200'

Perfed 5/3/2016
Perf'd, 3452-3464=12', 3432-3446=14', 3382-3386-2',
3350-3370=20', 3300-3314=14'
Perfed 128 holes Total on 5/3/2016

Set CIBP @ 3550'

Perfed 4/27/2016, 3722-3732=10', 3717-3719=2',
3639 3652=13', Total 25'
Perfed 53 holes Total on 4/28/16
Set CIBP at 3755'

Perfs existing as of 2/22/2016, 3769-3795, 3805-3816
3920-3930, 3993-4000
4 1/2" 10.5# Grade? Casing Set at 4107' in 7 7/8" Hole
Cemented with 1450 sx of 50/50 Poz TOC 167

TD-4,107'

NEW MEXICO OIL CONSERVATION DIVISION
DISTRICT 2 OFFICE
811 S. FIRST STREET
ARTESIA, NM 88210
(575)748-1283

CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT

Operator:_____
Well Name & Number:_____
API #:_____

1. Produced water **will not** be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged ONLY. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perfs, before any plugs can be set, by whatever means possible.
8. **Cement Retainers may not be used.**
9. **Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.**
10. **Plugs may be combined after consulting with and getting approval from NMOCD.**
11. **Minimum WOC time for tag plugs will be 4 Hrs.**
12. **19.15.7.16 :** B. In the case of a dry hole, a complete record of the well on form C-105 with the attachments listed in Subsection A of 19.15.7.16 NMAC shall accompany the notice of intention to plug the well, unless previously filed. The division shall not approve the plugging report or release the bond the operator has complied with 19.15.7.16 NMAC.

DATE: **APPROVED BY:**

GUIDELINES FOR PLUGGING AND ABANDONMENT

DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.

- Formations to be isolated with plugs placed at the top of each formation are:
    - Fusselman
    - Devonian
    - Morrow
    - Wolfcamp
    - Bone Spring
    - Delaware
    - Any Salt Section (Plug at top and bottom)
    - Abo
    - Glorieta
    - Yates (this plus is usually at base of salt section)

- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and cement squeezed behind casing at the formation depths.
- In the R-111-P area (Potash Mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).